Integrity Wood-Ultrex Through Jamb
Field Applied Instruction

ABSTRACT: These instructions are intended to be used in the event that installation holes were not pre-drilled at the factory. DO NOT install the unit prior to drilling holes.

Tools and Supplies Needed	
Safety glasses	Hammer
Pencil	Power drill
Tape measure	Putty knife (optional)
3/4″ Brad nails	5/16″ and 3/8″ Drill bits
4″ x 3/16″ Drill bit	

NOTE: Numbers listed in parentheses () are metric equivalents in millimeters rounded to the nearest whole number.

Hole Spacing Chart

Use this chart as a reference for proper installation hole spacing:

Product	Jamb Spacing	Head Jamb Spacing
Casement, Picture, and Transom	2- 1/4″ (57) from head jamb and sill liner. Units with a frame height larger than 39″ (991) need additional hole at center.	2- 1/4″(57) from jamb liner on each end. Units with a frame width larger than 36″ (914) need additional hole at center.
Awning	2- 1/4″ (57) from head jamb and sill liner. Units with a frame height larger than 27″ (686) need additional hole at center.	2- 1/4″ (57) from jamb liner on each end. Units with a frame width larger than 36″ (914) need additional hole at center.

Tip

When drilling holes on jamb stops, it is recommended to use a folded sheet of paper or putty knife to protect edge of jamb stop wood from drill bit. If jamb or header stop pulls away from the frame while drilling, apply additional 3/4″(19) brad nails.

Drilling Holes- Jamb/Head Jamb Stops

1. Mark hole location on wood jamb/head jamb stops using spacing chart (see chart). From interior edge of jamb/head jamb stop measure 1/2″(13) and mark intersection point of previous dimension. Carefully drill hole at intersection, mark through jamb/header stop *only* using 3/8″ (10) drill bit. Center 3/16″(5) drill bit in 3/8″(10) hole and carefully drill through jamb frame. See figure 1, figure 2, and figure 3.

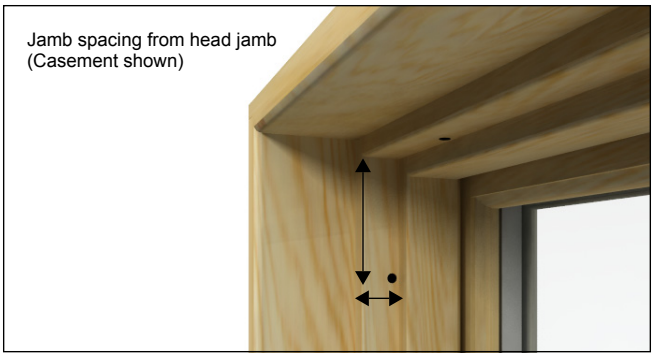

Figure 1

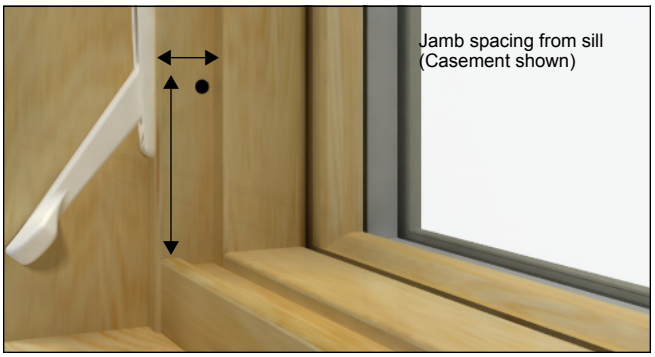

Figure 2

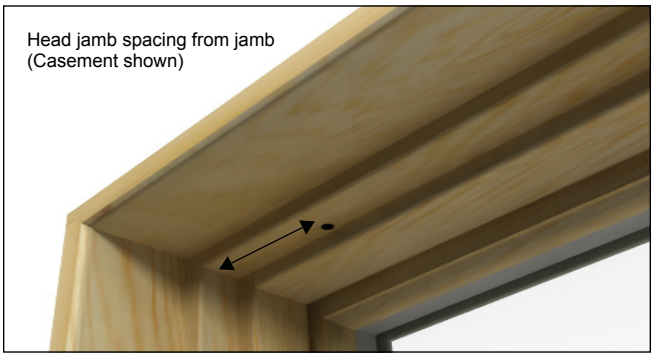

Figure 3

2. Install unit following supplied installation instructions.

Hole Spacing Chart

Use this chart as a reference for proper installation hole spacing:

Product	Jamb Spacing	Head Jamb Spacing
Double Hung	3 1/4″ (83) from top of jamb carrier and 2 3/4″ (70) from Ultrex sill. Units require off center hole 2 1/2″ (64) below frame center. If frame height is larger than 63 3/4″ (1619), an additional hole 2 1/2″ (64) above frame center is required.	2 13/16″ (71) from jamb carrier on each end.
Double Hung Picture & Transoms	2 3/8″ (60) from Header carrier and 2 3/4″ (70) from sill. If frame height is 35 3/4″ (908) or larger, units require off center hole 2 1/2″ (64) below frame center. If frame height is larger than 63 3/4″ (1619), an additional hole 2 1/2″ (64) above frame center is required.	2 13/16″ (71) from jamb carrier on each end. Units with a frame larger than 33 1/2″ (851) require off center hole 2 1/2″ (64) off frame center.
Gliders	2 3/4″ (102) from header carrier and sill. Units require off center hole 2 1/2″ (64) below frame center.	2 13/16″ (71) from jamb carrier on each end. (Additional installation screw(s) are added at stationary sash L- bracket.)

NOTE: On Double Hung units, remove both sash and parting stop before drilling through jamb holes. On Double Hung Picture and Glider units, remove wood jamb covers before drilling through jambs.

Tip

When drilling holes next to sash wood on Double Hung, Picture and Glider units, it is recommended to use a folded sheet of paper or putty knife to protect sash wood from drill bit.

Drilling Holes-Jamb

1. Mark hole location centered on jamb carrier using spacing chart. Carefully drill marked holes through jamb carrier only using 5/16″(8) drill bit. Center 3/16″(5) drill bit in 5/16″(8) hole and carefully drill through jamb frame. See figure 4 and figure 5.

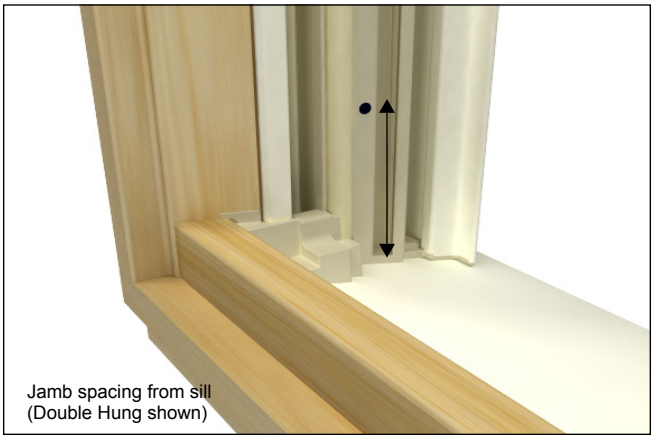

Figure 4

Figure 5

Drilling Holes- Head Jamb

1. Mark hole location centered on head jamb carrier using spacing chart above. On Double Hung units carefully drill marked holes through header frame using 3/16″ (5) drill bit. On Double Hung Picture and Glider units, carefully drill marked holes through head jamb carrier ONLY using 5/16″(8) drill bit. Center 3/16″ (5) drill bit in 5/16″(8) hole and carefully drill through header frame. See figure 6 and figure 7.

Figure 6

Figure 7

2. Install unit following supplied installation instructions.